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# The evaluation of Level of Knowledge, Attitude and practice of Evidence-Based Practice and its Barriers among Nurses working in selected Iranian Hospitals



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## ABSTRACT

It is necessary to achieve clinical effectiveness through evidence-based practice in modern healthcare organization all over the world. Evidence-based practice is critical to improve the quality of health care. The purpose of this study was to identify the knowledge, attitude and evidence-based performance and barriers of its usage among nurses. This is an applied, descriptive and cross-sectional survey that was carried out in selected hospitals under supervision of Iran University of Medical Sciences in 2015. Statistical society consisted of 250 nurses working in different departments of hospitals who were selected randomly. Data was collected through the following standard questionnaires: Evidence-Based Practice Questionnaire (EBPO) and assessing the barriers of research usage. Finally, data analysis was done using SPSS and Pearson Test. In this study, the levels of knowledge, attitude and evidence-based practice of nurses were measured as 60.42%, 85.66% and 57.66% respectively. In addition, there was significant relation between knowledge, attitude and practice. The main barriers to use of research in performance were non-participation of physicians, lack of permission by manager, time deficiency and inadequacy of the new publication rate. Earning research and IT skills improves knowledge of nurses. Through increasing awareness of nurses about positive effects of evidence-based practice in patients care, nurses will pay more attention to evidences. Enhancing the knowledge has improved attitude and this improvement has led to increase level of performance.

Key words: Knowledge, Attitude, Evidence-Based Practice, Barriers, Nurses.

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